

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently Amended) A portable electronic device comprising:
an image capture device coupled to the portable electronic device;
a laser scanner coupled to the portable electronic device;
an application specific integrated circuit (ASIC) comprising circuitry for communicating with the image capture device and the laser scanner, and circuitry for carrying out smart and dumb battery function including a gas gauging function; and
a common bus that provides a hardware path from the ASIC to a processor.
2. (Previously Presented) The portable electronic device of claim 1, further comprising a data blender adapted to receive data from the image capture device and the laser scanner and distribute the data to multiple destinations based on a type or content of the data.
3. (Original) The portable electronic device of claim 1, the portable electronic device being a bar code reading terminal.
4. (Currently Amended) The portable electronic device of claim 1, the ASIC further comprising circuitry for carrying out at least one of the following functions:
power management;
wake up control and power down;
critical suspend shutdown;
warm boot and cold boot;
serial port for WAN radio;
matrix keyboard scanning;
IP security;
analog converters;

touch panel;
~~smart and dumb battery~~;
modular memory IDE interface;
fingerprint reader;
USB host; and
magnetic stripe interface.

5. (Cancelled)

6. (Currently Amended) The ASIC of claim 1 [[4]], the smart and dumb battery function including a cycle life function.

7. (Currently Amended) The ASIC of claim 1 [[4]], the smart and dumb battery function including a charge control function.

8. (Currently Amended) The ASIC of claim 1 [[4]], the smart and dumb battery being a Ni-MH battery.

9. (Currently Amended) The ASIC of claim 1 [[4]], the smart and dumb battery being a Li-Ion battery.

10. (Original) The ASIC of claim 4, the modular memory IDE interface function including a NAND memory function.

11. (Original) The ASIC of claim 4, the modular memory IDE interface function including a CF card function.

12-20. (Cancelled)

21. (Previously Presented) The portable electronic device of claim 1, the common bus allows data decoded off line to be processed while a current task is implemented.

22. (Previously Presented) The portable electronic device of claim 1, the common bus provides shared data path from the imager and the laser scanner into a memory.
23. (Previously Presented) The portable electronic device of claim 1, the data from the imager and the laser scanner is at least one of biometrics data, magstripe data, and RFID data
24. (Previously Presented) The portable electronic device of claim 1, a data source coupled to the portable electronic device, the data source communicates with the portable electronic device *via* the ASIC circuitry.
25. (Currently Amended) A portable data collection device, comprising:
an application specific integrated circuit (ASIC) that accepts data from at least one source coupled to the portable data collection device, wherein the ASIC comprises circuitry for carrying out smart and dumb battery function including a gas gauging function; and
a data blender that distributes the data from the at least one source to a first destination based on the type of data, the content or the data, or combinations thereof.
26. (Previously Presented) The system of claim 25, the data from the at least one source is decoded within the portable data collection device.
27. (Previously Presented) The device of claim 25, the data from the at least one source is decoded offline and processed on the portable data collection device at a later time.
28. (Previously Presented) The device of claim 25, the data from the at least one source is routed through a common driver.
29. (Previously Presented) The device of claim 25, the data from the at least one sources is biometrics data, magstripe data, RFID data, or combinations thereof.